

REPLACEMENT SHEET

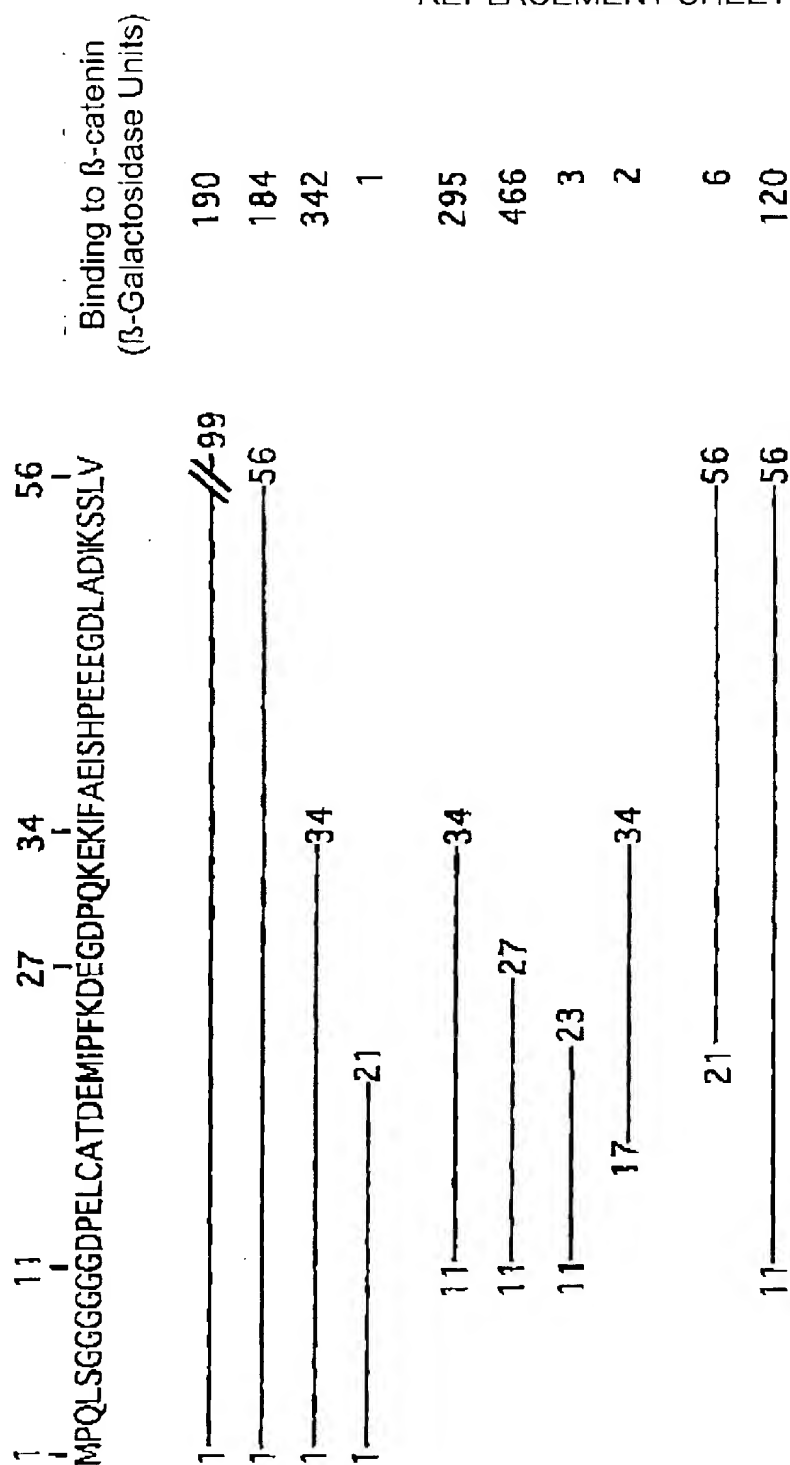


FIG. 1

REPLACEMENT SHEET

Inhibition of Binding of β -catenin		REPLACEMENT SHEET
7	Gly	+
10	Asp	-
15	Asp	+
20	Phe	-
21	Lys	-
23	Gly	-

FIG. 2

REPLACEMENT SHEET

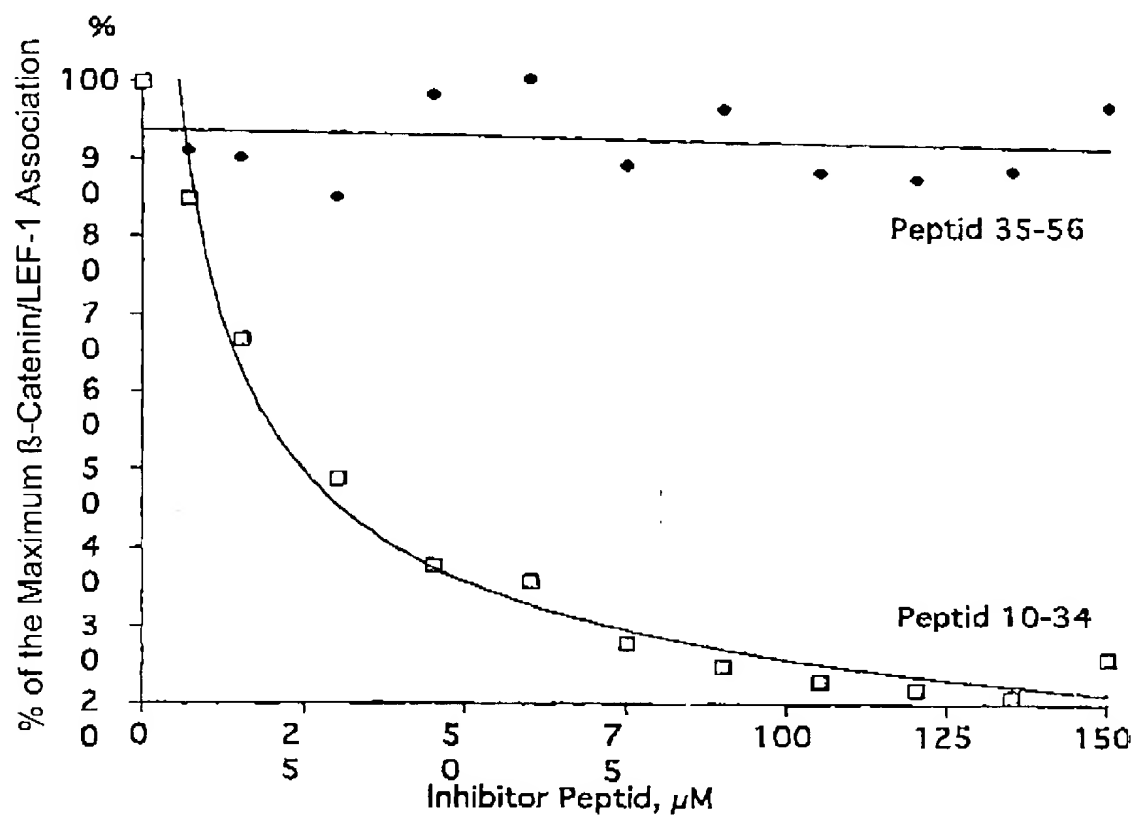
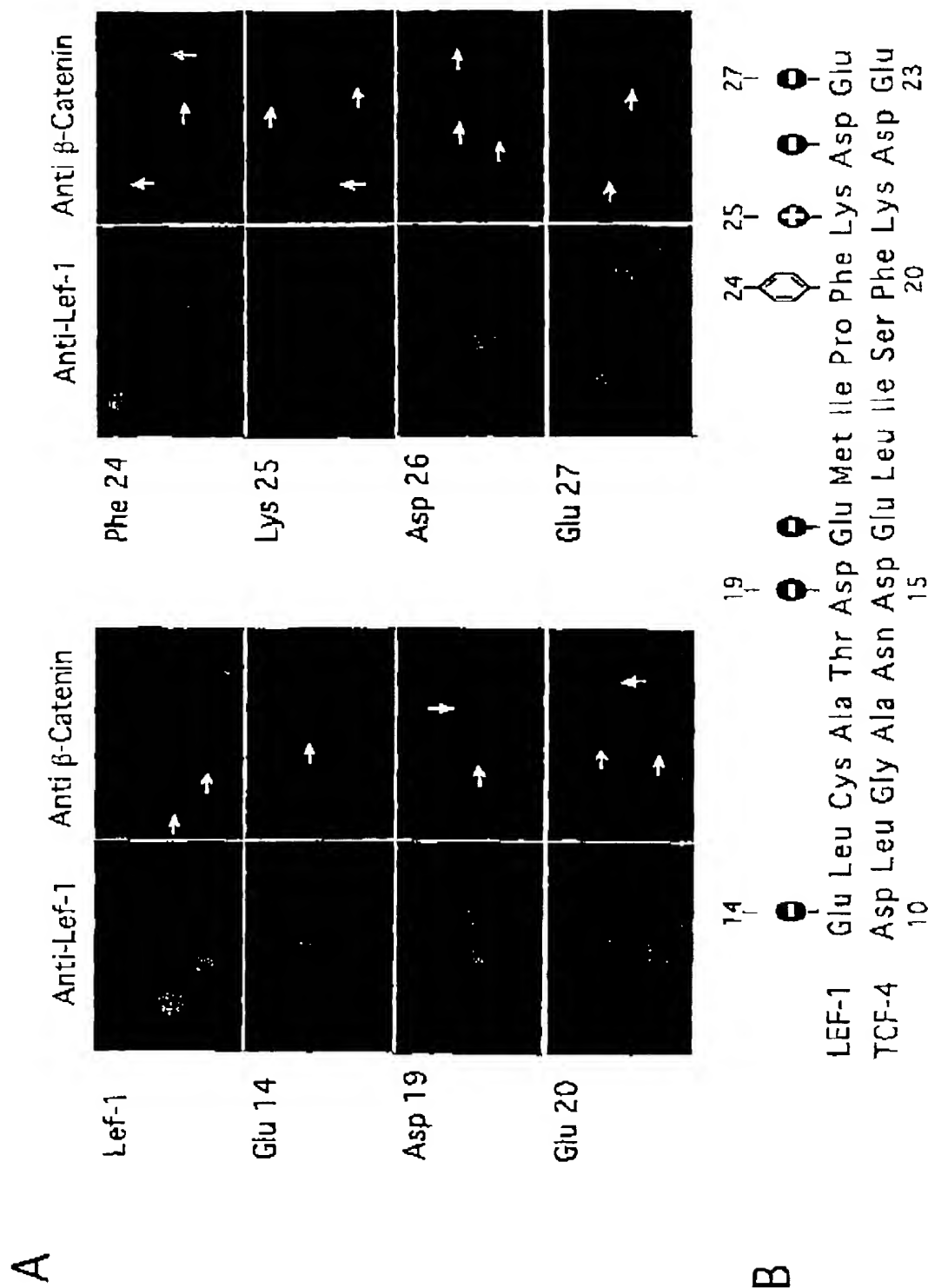
Inhibition of the Interaction between LEF-1 and β -catenin by Synthetic Peptides from the Minimum Binding Area

FIG. 3

REPLACEMENT SHEET



REPLACEMENT SHEET

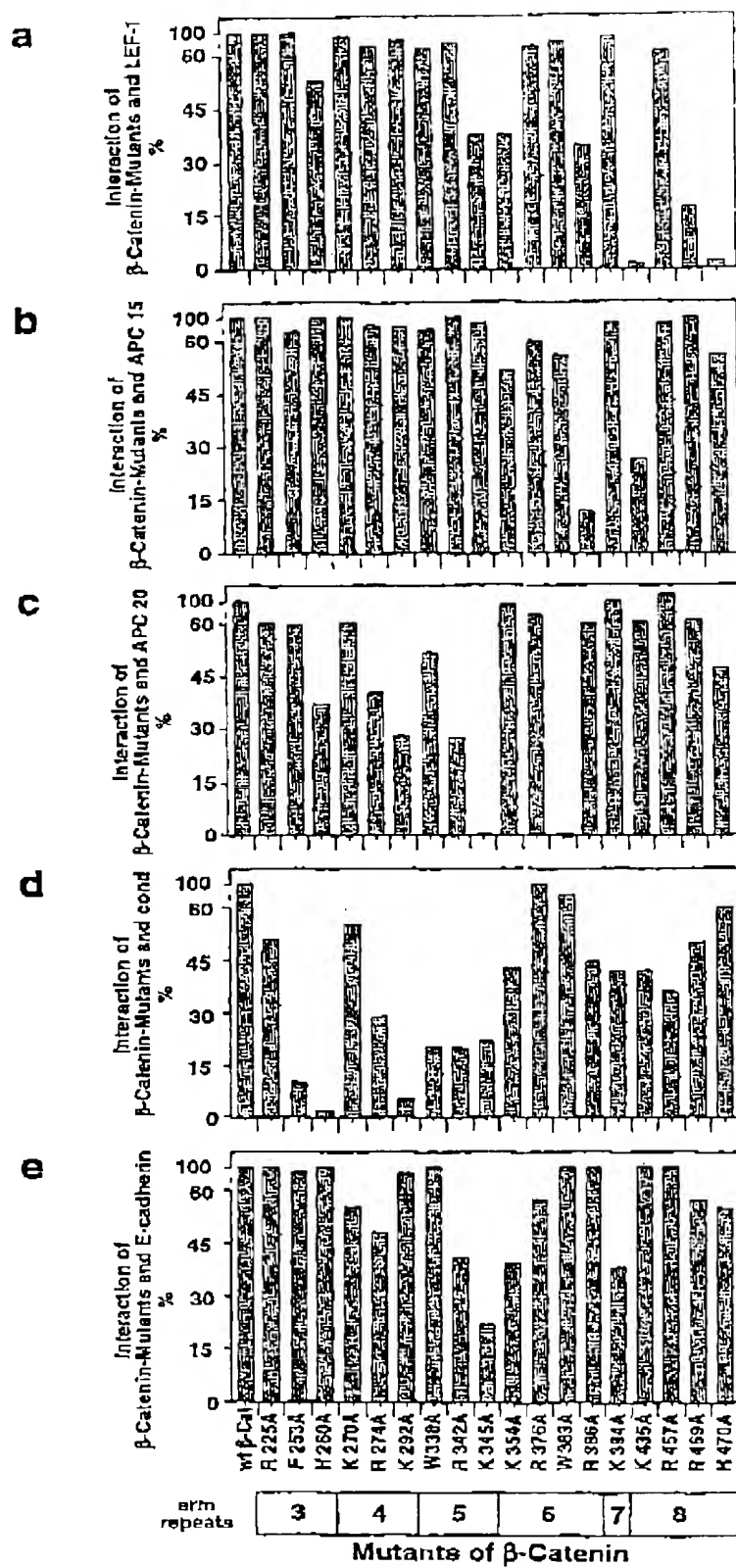


FIG. 5

REPLACEMENT SHEET

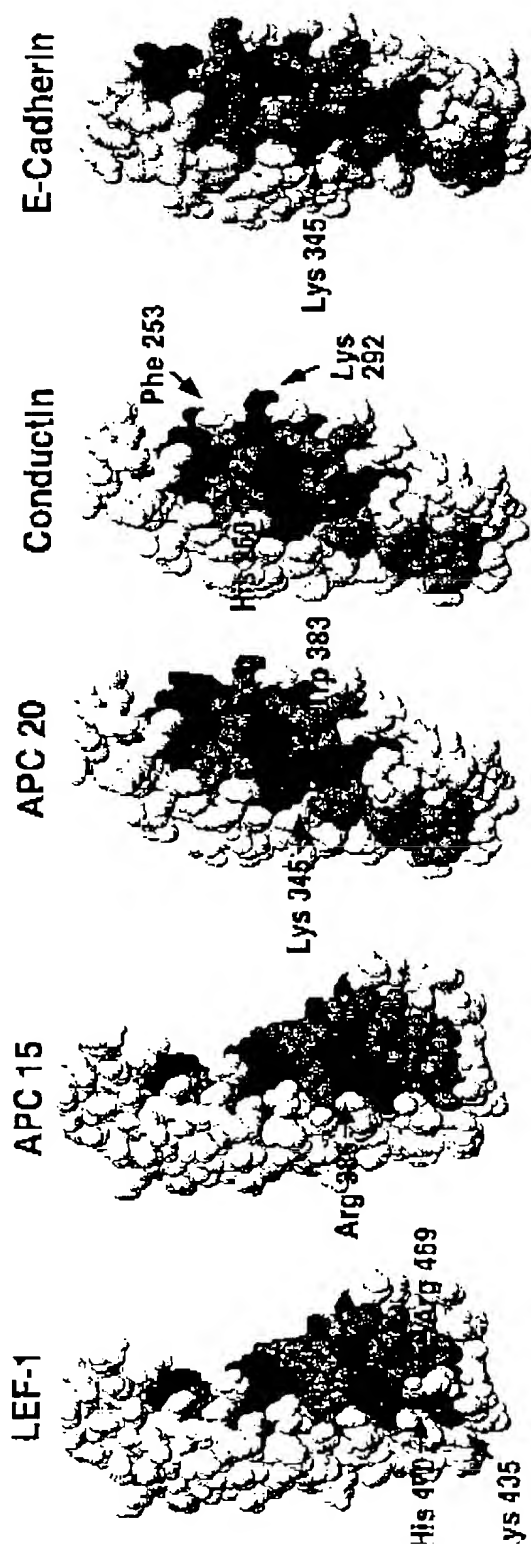
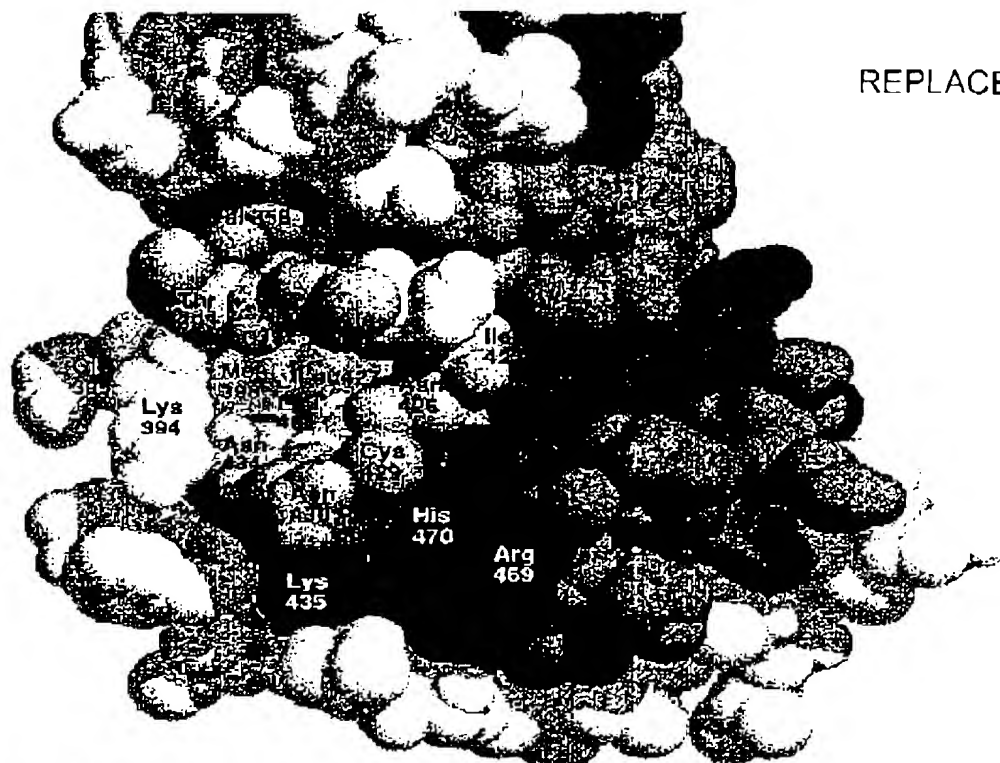


FIG. 6

A



REPLACEMENT SHEET

B

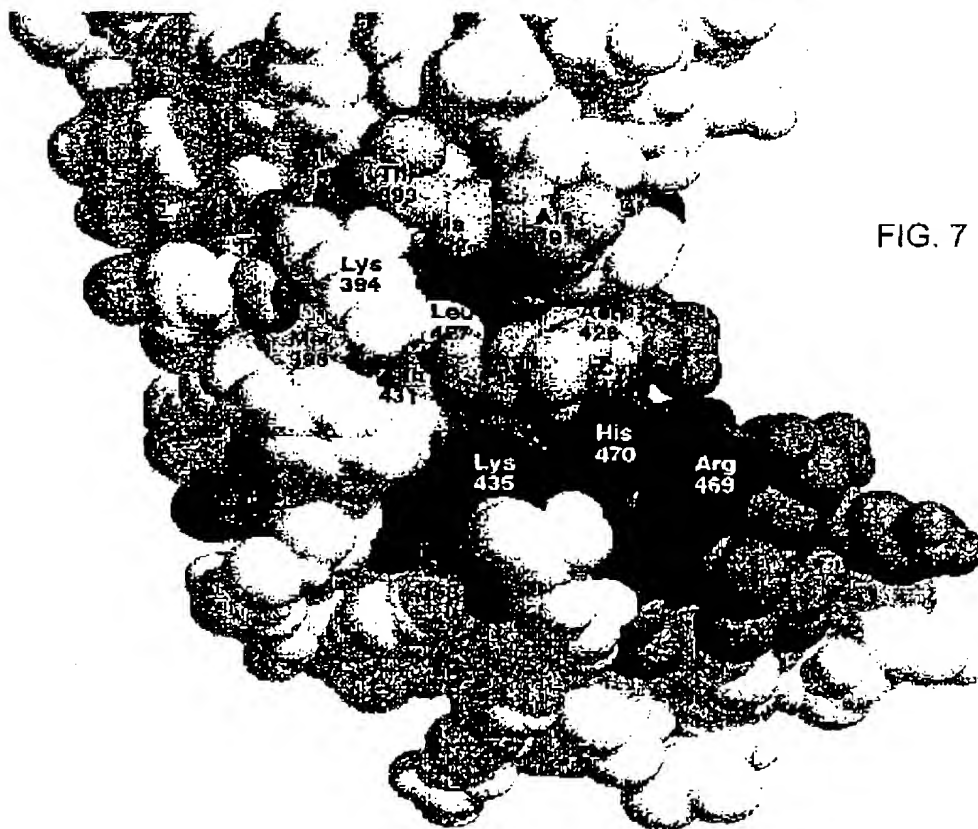


FIG. 7

REPLACEMENT SHEET

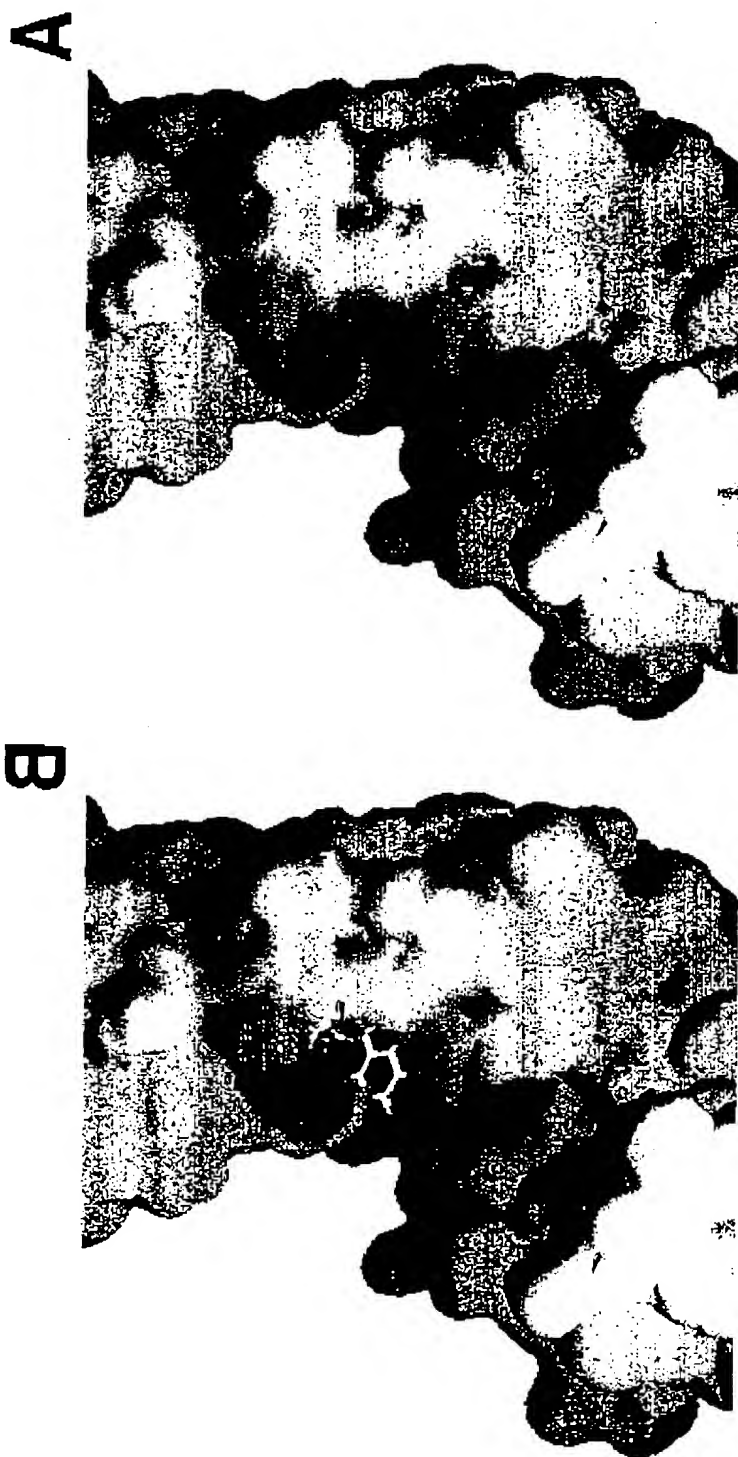


FIG. 8

8 .ddA

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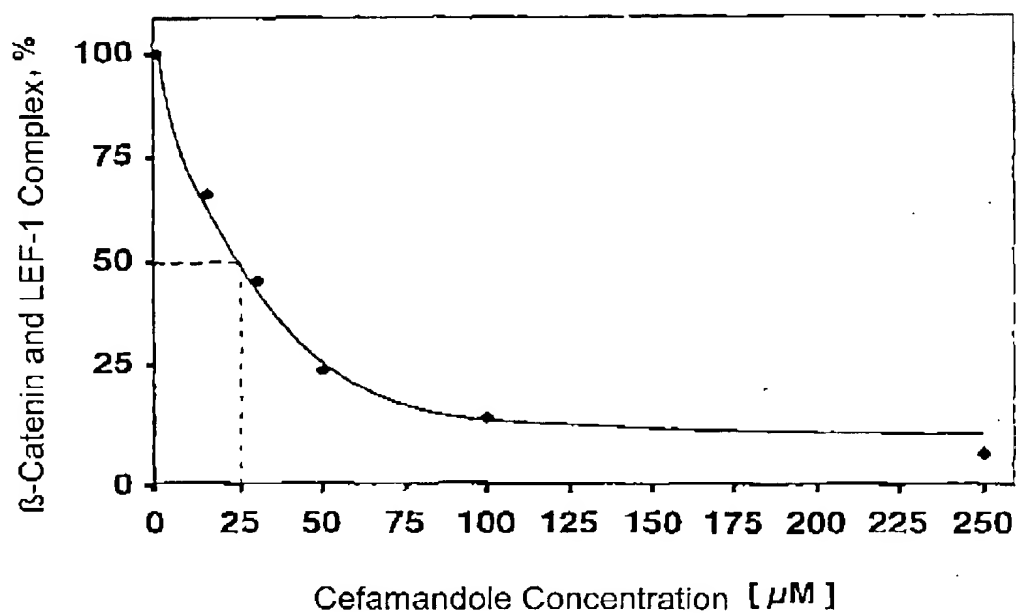


FIG. 9

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Tab. 1

Amino Acid Sequence of the Human β -catenin (Armidillo Repeats 3-8)

arm 3	(224-264)	HREGLLAIFKSGGIPALVKMLGSPVDSVLFYAITTLHNLLL
arm 4	(265-306)	HQEGA MAVRLAGGLQKMWALINKTNVKFLAITDCLQILAY
arm 5	(307-349)	CNQESKLIILASGGPQALVNIMRTYTYEKLWTTISRVLKVLVS
arm 6	(350-390)	CSSNKPAIVEAGGMQALGLHLTDPSQRLVQNCNLTNRNLS
arm 7	(391-429)	AATKQEGMEGLLGTLVQLLGSDDDINVVTCAGILSNLTC
arm 8	(430-473)	NNYKNKMVCQVGGIEALVRTVLRAGDREDITEPAICALRHLLTS
arm 9	(474-519)	RHQEAEMAQNAVRLLHYGLPVVWKLHPPSHWPLIKATVGLIRNLAL

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Tab. 2

Interaction between β -Catenin Mutants and LEF-1, APC (20 and 15 Amino Acid Repeats), Conductin and E-Cadherin

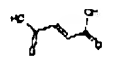
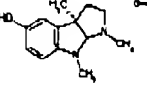
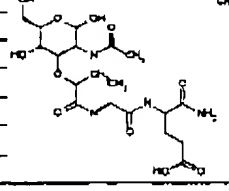
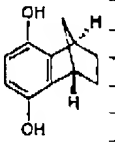
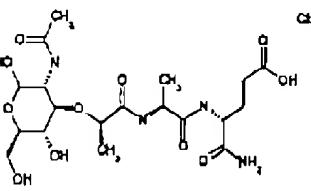
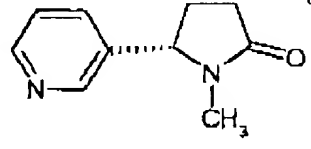
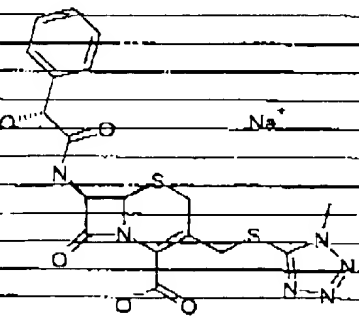
β -Catenin Mutants	arm. units	Interaction With				
		LEF-1	APC-20	APC-15	Conductin	E-Cadherin
Phe 253	3	-	40	-	17	-
His 260	3	50	40	100	10	100
Arg 274	4	-	40	-	29	50
Lys 292	4	-	28	-	5	-
Trp 338	5	-	55	-	20	-
Arg 342	5	-	29	-	20	41
Lys 345	5	38	0	-	22	27
Lys 354	6	38	-	54	43	40
Trp 383	6	-	0	59	-	-
Arg 386	6	35	-	12	45	-
Lys 394	7	-	-	-	42	-
Lys 435	8	-	-	30	42	-
Arg 457	8	-	-	-	36	-
Arg 469	8	17	-	-	-	50
His 470	8	2	47	60	-	-

The values give the share of the respective interaction with the wild type β -catenin in percent. Interactions marked by - correspond to 60-100% of the wild type interaction. The values were determined in yeast 2-hybrid assays.

Tab. 3

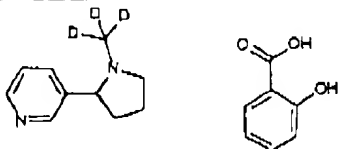
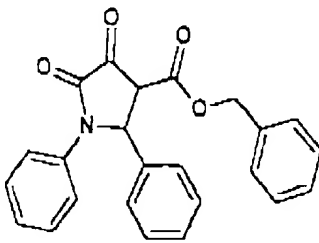
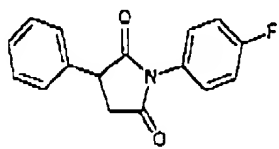
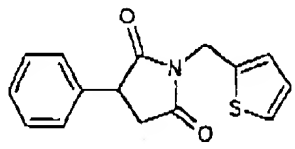
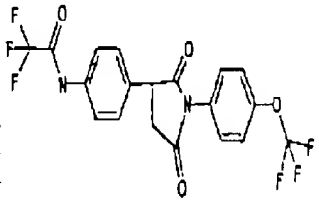
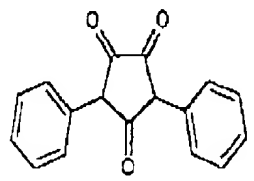
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Molecule Structure	Substance Name	MDL-Nr.
	(-)-ESEROLINE FUMARATE	MFCD00055202
		
	N-ACETYL-MURAMYL-ALA-ISOGLN-OH	MFCD00065478
	3,6-DI-HYDROXYBENZONORBORNANE	MFCD00077441
	N-ACETYL-MURAMYL-ALA-D-ISOGLN-OH	MFCD00077838
	(-)-COTININE	MFCD00077896
	CEFAMANDOLE SODIUM SALT	MFCD00082385

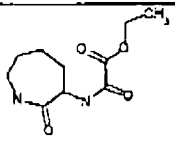
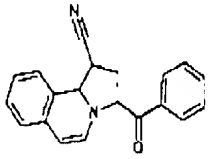
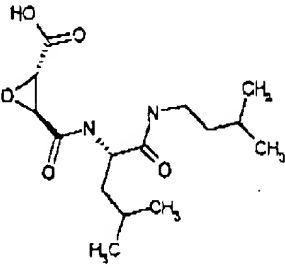
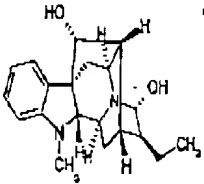
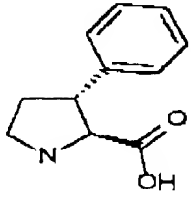
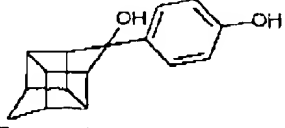
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	(+/-)-NICOTINE-D3 SALICYLATE SALT	MFC000083448
	BENZYL 1,2-DIPHENYL-4-HYDROXY-5-OXO-3-PYRROLINE-3-CARBOXYLATE	MFC000083051
	1-(4-FLUOROPHENYL)-3-PHENYLPYRROLIDINE-2,5-DIONE	MFC000097831
	3-PHENYL-1-(2-THIENYLMETHYL)PYRROLIDINE-2,5-DIONE	MFC000097832
	N1-(4-[2,5-DIOXO-1-(4-(TRIFLUOROMETHOXY)PHENYL]TETRAHYDRO-1H-PYRROL-3-YL]PHENYL)-2,2,2-TRIFLUOROACETAMIDE	MFC000100474
	1,3-DIPHENYLCYCLOPENTANE-2,4,5-TRIONE	MFC000101320

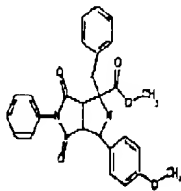
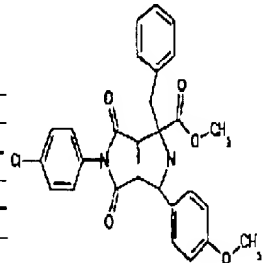
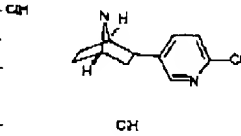
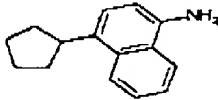
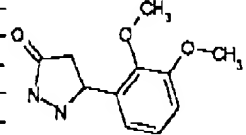
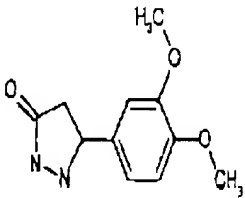
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	3-BENZOYL-1,2,3,10b-TETRAHYDRO- PYRROLO(2,1-A)ISOQUINOLINE-1- CARBONITRILE	MFC000123443
	L-TRANS-EPOXYSUCCINYL-LEU-3- METHYLBUTYLAMIDE	MFC000132882
	AJMALINE	MFC000135552
	(2S,3R)-3-PHENYLPYRROLIDINE-2- CARBOXYLIC ACID	MFC000142984
	4-(2-HYDROXYOCTAHYDRO-1,3,4-METHENO- 2H-CYCLOBUTA(CD)PENTALEN-2- YL)PHENOL	MFC000155174

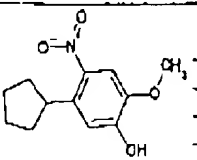
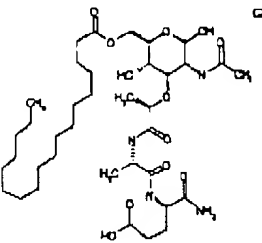
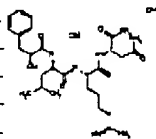
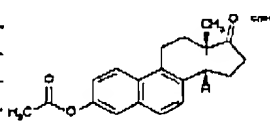
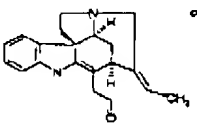
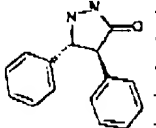
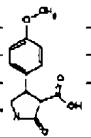
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	METHYL 6-(4-CHLOROPHENYL)-2-BENZYL-7-(4-METHOXYPHENYL)-5,8-DIOXO-3,7-DIAZABICYCLO[3.3.0]-OCTANE-R-2-CARBOXYLATE	MFCD00202519
	(+/-)-EPIBATIDINE DIHYDROCHLORIDE	MFCD00210196
	4-CYCLOPENTYL-NAPHTHALEN-1-YLAMINE, HYDROCHLORIDE	MFCD00227852
	5-(2,3-DIMETHOXY-PHENYL)-PYRAZOLIDIN-3-ONE	MFCD00228403
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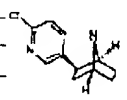
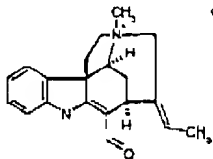
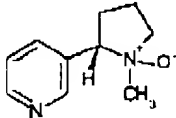
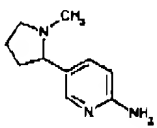
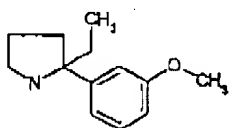
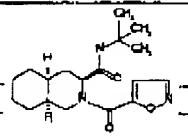
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	ANTHO-RNAMIDE	MFCD00236789
	1,3,5(10),6,8(14BETA)-11-STRAPENTAEN-3-OL-17-ONE ACETATE	MFCD00271642
	NORFLUOROCUPARINE	MFCD00274483
	4,5-DIPHENYLPYRAZOLIDIN-3-ONE	MFCD00277798
	4-(4-METHOXY-PHENYL)-2-OXO-PYRROLIDINE-3-CARBOXYLIC ACID	MFCD00297824

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REPLACEMENT SHEET

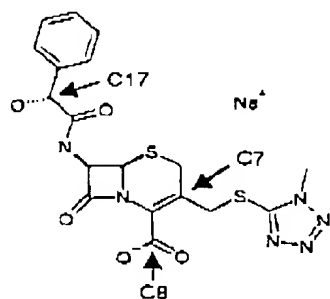
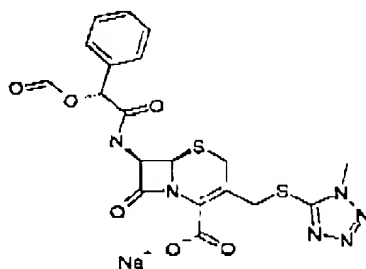
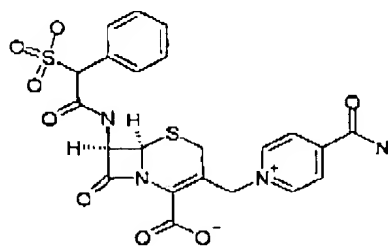
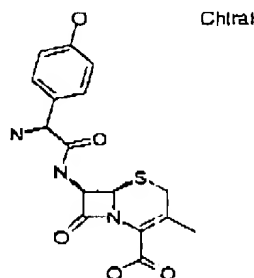
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	<chem>[O-]</chem>	(1'S,2'S)-NICOTINE 1'-OXIDE	MFCD00869528
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		2-ETHYL-2-(3-METHOXYPHENYL)PYRROLIDINE	MFCD01314146
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REPLACEMENT SHEET

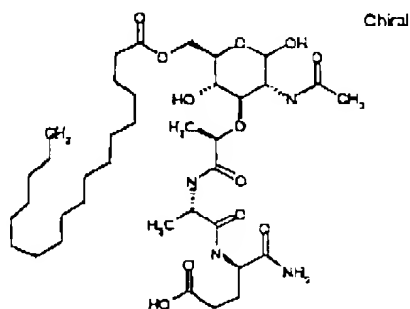
Tab. 4

Positive List

Molecule Class

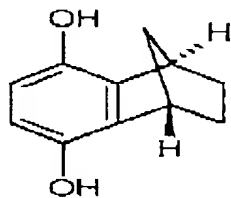
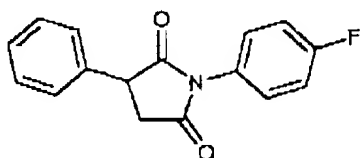
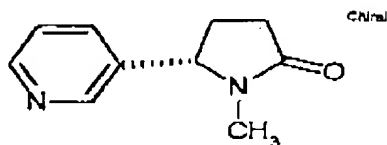
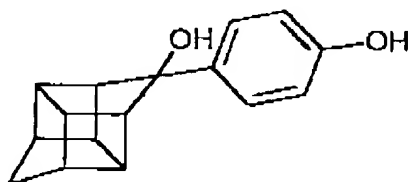
IA (Inhibitoren vom Cefamandole-Typ)**Cefamandole****Cefamandole-Nafate****Cefsulodin****Cefadroxil**

Molecule Class

IB**AC-(6-O-STEAROYL)-MURAMYL-ALA-D-ISOGLUTAMINE**

REPLACEMENT SHEET

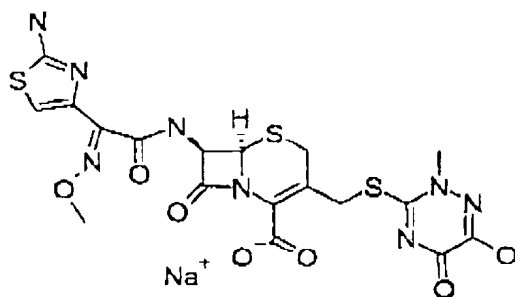
Positive List

Molecule Class **IC****3,6-DIHYDROXYBENZONORBORNANE****Moleküle mit Modulationswirkung für Molekülklasse I****1-(4-FLUOROPHENYL)-3-PHENYLPYRROLIDINE-2,5-DIONE****(-)-COTININE****4-(2-HYDROXYOCTAHYDRO-1,3,4-METHENO-2H-CYCLOBUTA(CD)PENTALEN-2-YL)PHENOL**

Positive List

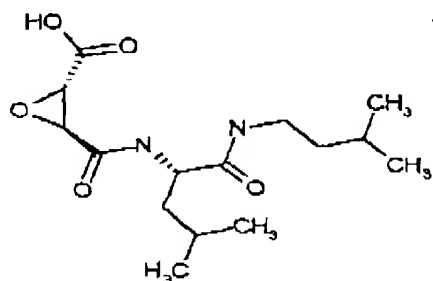
REPLACEMENT SHEET

Chiral



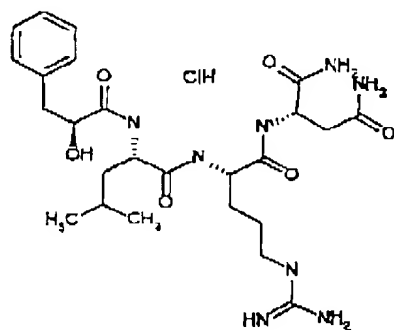
Ceftriaxone

Chiral



L-TRANS-EPOXYSUCCINYL-LEU-3-METHYLBUTYLAMIDE

Chiral

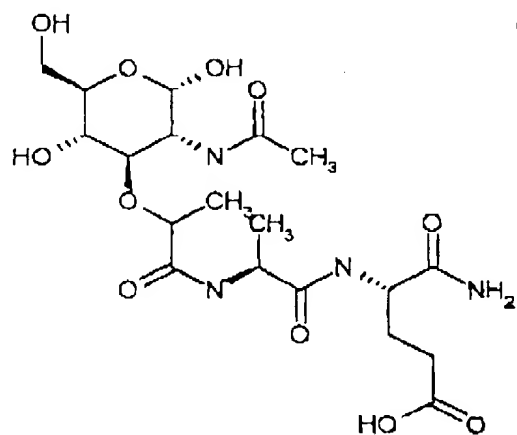


ANTHO-RNAMIDE

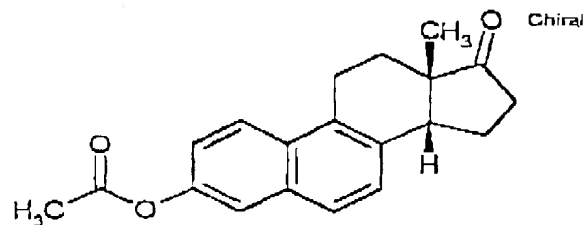
Positive List

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Chiral

**N-ACETYL-MURAMYL-ALA-ISOGLN-OH**

Chiral

**1,3,5(10),6,8(14BETA)-ESTRAPENTAEN-3-OL-17-ONE ACETATE**